

GOLF BALL WITH DUAL CORE AND POLYURETHANE COVER

Abstract of the Disclosure

The present invention is directed to a golf ball comprising a dual core assembly and a cover layer. The dual core comprises an interior spherical center component formed from a thermoset polymeric material, a thermoplastic polymeric material, or combinations thereof. The center component comprises one or more density adjusting filler materials dispersed throughout the polymeric material. The dual core also comprises a core layer disposed about the center component, formed from a thermoset material, a thermoplastic material, or combinations thereof. The present invention golf ball may further comprise an outer core layer that surrounds the dual core. The cover layer is either a single cover layer or a multi-layer cover assembly and preferably includes a polyurethane material. It is preferred that the inner and outer cover layers differ in hardness by at least 5 on the Shore D scale. The resulting multi-layered golf ball of the present invention provides for enhanced distance without sacrificing playability or durability when compared to known multi-layer golf balls.